Abstract P1860PC00

An end termination means for tension legs (10) of non-metallic materials such as like composite materials material is disclosed. The tension leg (10) is constructed of a number of strands (5) that constitute the load carrying elements of the tension leg. leg (10). The strands (5) are twisted (laid) about the longitudinal axis of the tension leg (10) by a predetermined laying length and each strand (5) is in turn constructed of a plurality of rods (7) of composite material having embedded strength fibers. fibres. The rods (7) are in turn twisted about each other like in a wire rope. The strands (5) terminate near a receiving body (16) having a connector connecting means and a number of through-going apertures enclosing the respective strands. Each strand (5) is passed through a respective aperture (8) in the receiving body (16) without being fixed therein. Each strand (5) has a free end terminating some distance above the receiving body, body (16), and the free end of each strand (5) is fixed to and enclosed by a terminating sleeve (9) having a diameter larger than a corresponding aperture (8) in the receiving body, body (16), which terminating sleeve (9) is loosely resting on the receiving body. body (16).

(Fig.4)